



# NITFS Compliance Registration



**Product:** 3.0, Build 945

**Sponsor:** Force Research Laboratory

**Developer:** Government Systems Corporation

**Date:** 30 July 2009  
**Expiration:** 29 July 2010  
**Registration #:** 2068

- ☐ Initial Registration  
☒ Supplemental/Update #60  
☐ Derived from Reg. #

## System

N-0105/98, §4.1.1

## Product

N-0105/98, §4.1.2

## Component

N-0105/98, §4.1.3

## NITFS Features Implemented:

### Format

- NITF**  
☒ V2.1  
☐ V2.0  
☐ V1.1  
**NSIF**  
☒ V1.0

### Pixel Value Types

- ☒ Boolean  
☒ Integer  
☒ Signed Integer \*  
☒ IEEE Real \*  
☐ IEEE Complex \*

### Annotation Segment Types

- ☒ Bit Mapped \*\*  
☒ GCM, 2301  
☒ GCM, 2301A  
☒ Labels \*\*

### Text Segments

- ☒ STA  
☒ QT1  
☒ Q8S  
☐ QMTF

### Image Segment Types

- ☒ MONO  
☒ RGB  
☒ RGB/LUT  
☒ YCbCr  
☒ MULTI  
☐ NODISPLAY  
☐ POLAR

### Image Compression

- ☒ Not Compressed  
☐ JPEG Lossy, 8-bit  
☐ JPEG Lossy, 12-bit  
☐ JPEG Downsample  
☐ JPEG Lossless  
☐ JPEG 2000  
☐ Bi-Level  
☒ Vector Quantization

### Data Extension Segments

- ☒ TRE\_OVERFLOW  
☐ STREAMING FILE HEADER  
☒ Controlled Extensions \*\*  
☒ Registered Extensions \*\*

### Tagged Record Extensions

- ☒ GDE  
☒ SDE  
☒ GEST GeoSDE  
☒ PPDB  
☒ SDE  
☒ CAE  
☒ RDF

**Legend**  
☒ Fully implemented  
☐ Partially implemented  
☐ Not implemented

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

## Configurations Tested:

*Valerie Baker*

VALERIE BAKER, Lt Col, USAF, Division Chief  
Joint Interoperability Test Command  
Executive Agent to National Geospatial-  
Intelligence Agency for the NITFS Test and  
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.  
Potential users should evaluate the detailed test results to determine the suitability of  
the product for the intended use. Optional NITFS features may not be implemented.